

Cross-laminated timber



Cross-laminated timber structural panels, CLT or X-Lam, bring a qualitative leap in the field of wooden constructions. Combining advantages such as remarkable structural strength, versatility, high dimensional accuracy, high degree of prefabrication, assembly speed, sustainability and environmental aesthetics, the product prefigures the future of the construction industry.

structural panels

CLT



strength class	C24 acc. EN 338
max. thickness	400 mm
max. width	3.20 m
max. length	13.20 m
timber	spruce
humidity	12% ± 2% acc. EN 13183-2
density	420 kg/m³
adhesive	PUR type 1 acc. EN 15425
lamella thicknesses	max. 40 mm
service classes	1, 2 acc. EN 1995-1-1
product in accordance with	ETA-24/1092
approval	Timber Institute
timber grading	visual acc. SR EN 14081
surface quality	NVQ-NVQ / IVQ-NVQ

Standardized sections of CLT panels

Type panel	thickness (mm)	layers	panel lay-ups / lamella thicknesses (mm)						
CLT 60	60	3		20	20	20			
CLT 80	80	3		20	40	20			
CLT 90	90	3		30	30	30			
CLT 100	100	3		30	40	30			
CLT 100	100	5	20	20	20	20	20		
CLT 120	120	3		40	40	40			
CLT 120	120	5	30	20	20	20	30		
CLT 140	140	5	40	20	20	20	40		
CLT 160	160	5	40	20	40	20	40		
CLT 180	180	5	40	30	40	30	40		
CLT 200	200	5	40	40	40	40	40		
CLT 200	200	7	30	30	30	20	30	30	30
CLT 220	220	7	40	40	20	20	20	40	40
CLT 240	240	7	40	40	20	40	20	40	40
CLT 260	260	7	40	40	30	40	30	40	40
CLT 280	280	7	40	40	40	40	40	40	40

any type-dimensions can be manufactured on request

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